

Project Audit



Project:
Crogeon Mars

May 1, 2022



+

CROGELON MARS

▶

Overview

This audit has been prepared for **Crogon Mars** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

⚠ Beware that there is function present in this token, which can withdraw tokens from any address and contract!

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

| | |
|---------------|--|
| Contract Name | CROGELON |
| Ticker | ELON |
| Contract | 0x6f97D015473E1bb9eD385b899F24bb961a0EB005 |
| Network | Cronos |
| Language | Solidity |
| Tax | Buy: 10% Sell: 10% |
| Total Supply | 1,000,000,000 |
| Status | Launched |

Current stats

| | |
|-------------|--|
| Burn | No burnt tokens |
| LP Address | 0x4fA2a0d6320A7bb9E65Bea70E31D2bA6d6BcE385 98.88% Locked, unlocks at May 9, 2022 ⚠ |
| Liquidity | 25 876 WCRO |
| MaxTxAmount | 10,000,000 |

| Issues Checking Status | |
|--|----------|
| Design Logic | Passed ✓ |
| Compiler warnings. | Passed ✓ |
| Private user data leaks | Passed ✓ |
| Timestamp dependence | Passed ✓ |
| Integer Overflow and Underflow | Passed ✓ |
| Race conditions and Reentrancy. Cross-function race conditions | Passed ✓ |
| Possible delays in data delivery | Passed ✓ |
| Oracle calls | Passed ✓ |
| Front running | Passed ✓ |
| DoS with Revert | Passed ✓ |
| DoS with block gas limit | Passed ✓ |
| Methods execution permissions | Passed ✓ |
| Economy model | Passed ✓ |
| The impact of the exchange rate on the logic | Passed ✓ |
| Malicious Event log | Passed ✓ |
| Scoping and Declarations | Passed ✓ |
| Uninitialized storage pointers | Passed ✓ |
| Arithmetic accuracy | Passed ✓ |
| Cross-function race conditions | Passed ✓ |
| Safe Zeppelin module | Passed ✓ |
| Fallback function security | Passed ✓ |

Featured Wallets

| | |
|-------------------------|--|
| Owner address | 0x650a4b295184620A39Ef50f77CC74A97824D3b42 |
| *Team fee receiver | 0x4a4397f56a7544D52793Ea51aD5BEAb07abf74F8 |
| *Marketing fee receiver | 0xfbB3835c29340f09a86bCAAc6d26AA4baCe941C |
| LP token address | 0x4fA2a0d6320A7bb9E65Bea70E31D2bA6d6BcE385 98.88% Locked, unlocks at May 9, 2022 ⚠ |

*This wallet can be changed by owner

Top 3 Unlocked Wallets

| | |
|------------------|--|
| Wallet 1 (4,12%) | Same as owner |
| Wallet 2 (2%) | 0xb98abfaab97e672d42f47a45bc3c3fc0cd87f4ca |
| Wallet 3 (2%) | 0x04c75c7a06f6ffdbd834228ef28b76099580d8c4 |

Security Threads

! Owner can withdraw tokens from any address and contracts.

```
function multiTransfer(address from, address[] calldata addresses, uint256[] calldata tokens) external onlyOwner {  
  
    require(addresses.length < 501, "GAS Error: max airdrop limit is 500 addresses");  
    require(addresses.length == tokens.length, "Mismatch between Address and token count");  
  
    uint256 Pull = 0;  
  
    for(uint i=0; i < addresses.length; i++){  
        Pull = Pull + tokens[i];  
    }  
  
    require(balanceOf(from) >= Pull, "Not enough tokens in wallet");  
  
    for(uint i=0; i < addresses.length; i++){  
        _basicTransfer(from, addresses[i], tokens[i]);  
    }  
}
```

! Owner can blacklist address from trading, making it impossible to sell.

```
function enable_nuisance(bool _status) public onlyOwner {  
    nuisanceMode = _status;  
}  
function manage_nuisance(address[] calldata addresses, bool status) public onlyOwner {  
    for (uint256 i; i < addresses.length; ++i) {  
        isnuisanced[addresses[i]] = status;  
    }  
}
```

Security Threads

! Owner can set buy fees up to 50% and sell fees up to 100%.

```
uint256 multiplier = isSell ? sellMultiplier : 100; //dont touch this
uint256 feeAmount = amount.mul(totalFee).mul(multiplier).div(feeDenominator * 100);

function set_sell_multiplier(uint256 _multiplier) external onlyOwner{
    //change sell tax here 100 = 100% of buy tax, 200% = 200% / 2x
    sellMultiplier = _multiplier;
}

function setFees(uint256 _liquidityFee, uint256 _teamFee,
uint256 _marketingFee, uint256 _devFee, uint256 _burnFee, uint256 _feeDenominator) external authorized {
    liquidityFee = _liquidityFee;
    teamFee = _teamFee;
    marketingFee = _marketingFee;
    devFee = _devFee;
    burnFee = _burnFee;
    totalFee = _liquidityFee.add(_teamFee).add(_marketingFee).add(_devFee).add(_burnFee);
    feeDenominator = _feeDenominator;
    require(totalFee < feeDenominator/2, "Fees cannot be more than 50%");
}
```

! Owner can change max transaction limit, making it impossible to sell if set to 0.

```
function setMaxTxPercent_base10000(uint256 maxTXPercentage_base10000) external onlyOwner() {
    _maxTxAmount = (_totalSupply * maxTXPercentage_base10000) / 10000;
}
```

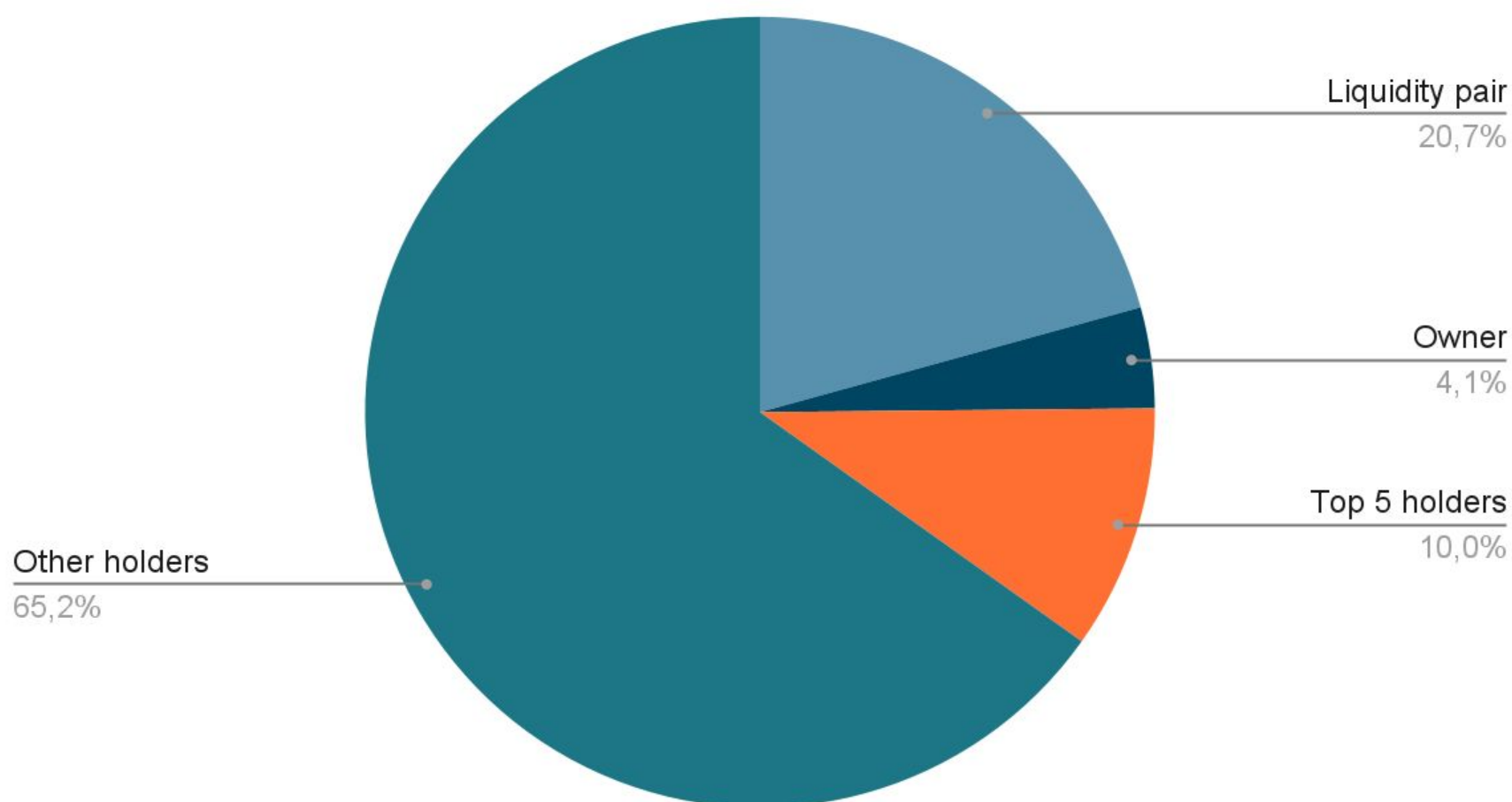
! Owner can disable trading, making it impossible to sell.

```
function tradingStatus(bool _status) public onlyOwner {
    tradingOpen = _status;
}
```


Tokenomics

Current state

Tokens distribution



Crogelon Mars Project & Team Review

According to their roadmap, there will be P2E game developed.

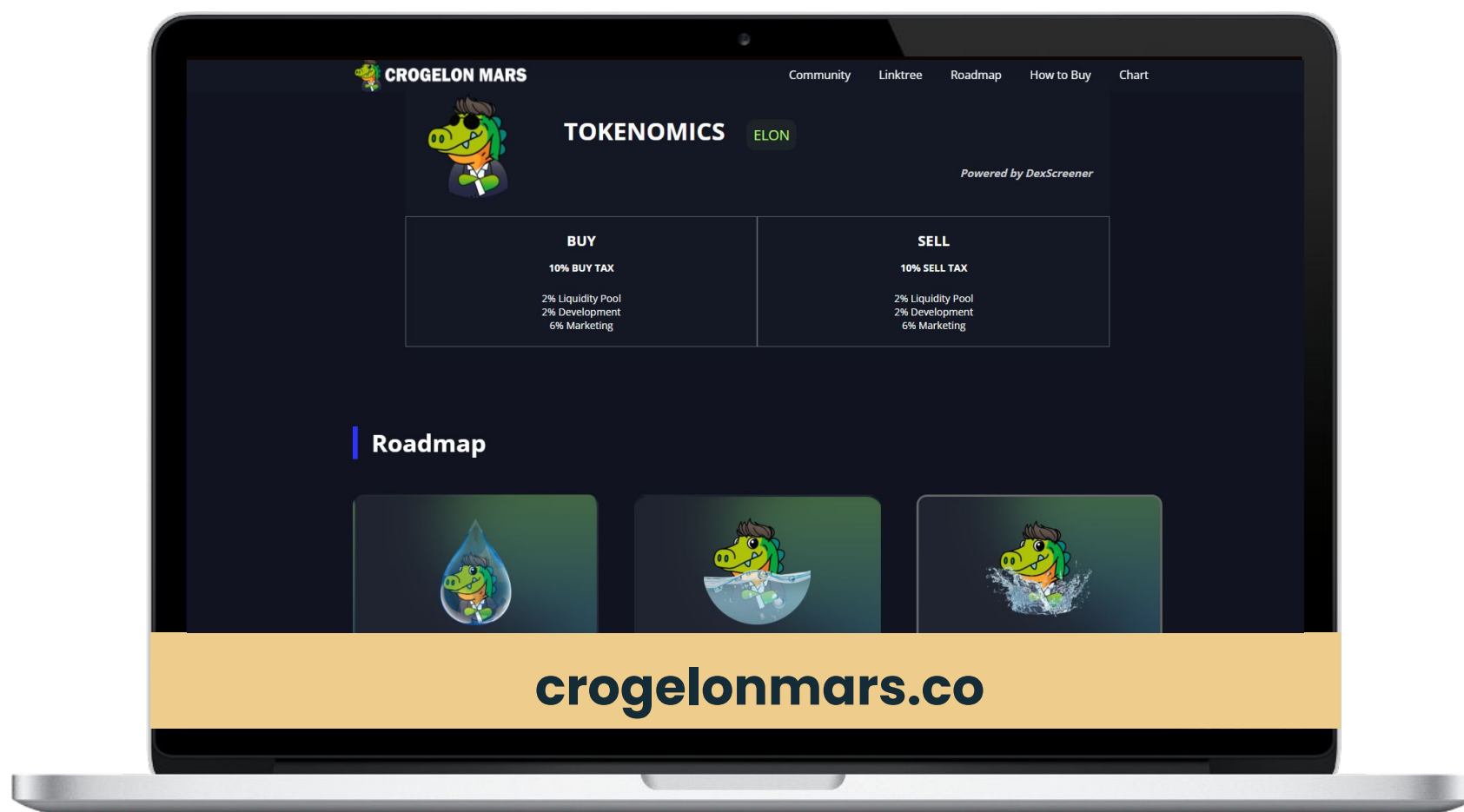
Team:

 **Team has not been KYC'd** 

Website Analysis

URL: <https://crogelonmars.co/>

- **Design:** Single page, smooth template design, pleasant color scheme.
- **Content:** No information about the project except the roadmap. ⚠️
- **Whitepaper:** No whitepaper present. ⚠️
- **Roadmap:** Goals set at 3 phases without time frames. Not much utility and development planned.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



Social Media & Online Presence



Telegram

https://t.me/Crogelon_MarsTG

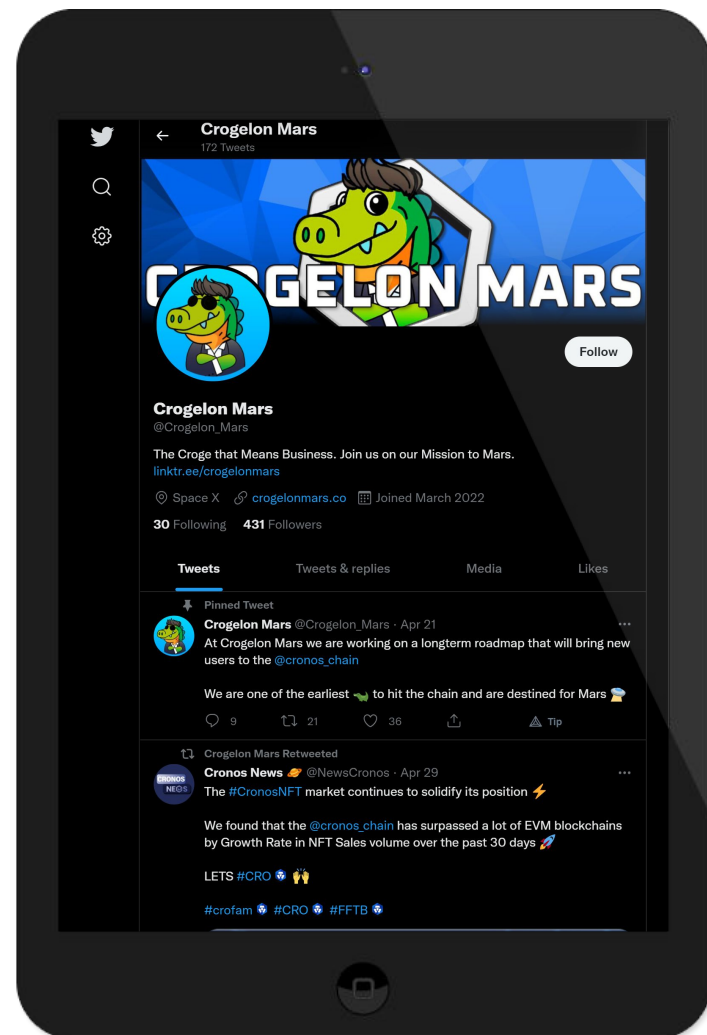
- 554 members
- Active members
- Active mod



Twitter

https://twitter.com/Crogelon_Mars

- 432 Followers
- Active



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.